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Name of Registered Representative:

John G. Freeman

John G. Freeman, Reg. No. 34,483

December 10, 2003

Date of Signature

PATENT
CASE NO. 56/344

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application:)
Erwin Spanner)
Serial No.: 09/661,663) Group Art Unit: 2863
Filed: September 14, 2000) Examiner: Shah, Kamini S.
For: DEVICE FOR POSITION)
INDICATION AND DETECTION)
OF GUIDANCE ERRORS)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with Applicant's duty of disclosure under 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97-1.98, Applicant hereby submits the following references for consideration by the Examiner. A copy of U.S. Patent No. 5,061,073 is enclosed along with a completed copy of Form PTO-1449. Copies of the remaining references were filed in the

Information Disclosure Statement filed on April 27, 2001 and so are not being supplied.

I. DISCLOSURE

A. U.S. Patents

<u>Patent No.</u>	<u>Inventor</u>	<u>Issue Date</u>
4,758,720	Aubele et al.	07/19/88
5,061,073	Michel	10/29/91

B. Foreign Patents

<u>Reference No.</u>	<u>Country</u>	<u>Pub. Date</u>
0 082 441	EP	06/29/83
0 387 520	EP	09/19/90
43 03 161	Germany	08/11/94

II. DISCUSSION

A. U.S. Patent No. 4,758,720

The '720 patent was cited as an A-type reference in corresponding European patent application 00 11 9051. An A-type reference is not considered pertinent to patentability and provides technical background.

B. U.S. Patent No. 5,061,073

The '073 patent was cited as an X-type reference in corresponding European patent application 00 11 9051. An X-type reference is deemed pertinent to patentability when taken alone.

C. European Reference No. 0 082 441

The pertinence of the '441 patent reference is discussed at pages 1, 2 and 15 of Applicant's application. The '441 patent reference was cited as an X-type and D-type reference in corresponding European patent application 00 11 9051. It is believed that U.S. Patent No. 4,587,622 corresponds to the '441 patent reference.

D. European Reference No. 0 387 520

The pertinence of the '520 patent reference is discussed at pages 3, 4, 9, 11, 12 and 13 of Applicant's application. The '520 patent reference was cited as an A-type and D-type reference in corresponding European patent application 00 11 9051. It is believed that U.S. Patent No. 5,079,418 corresponds to the '520 patent reference.

E. German Reference No. 43 03 161

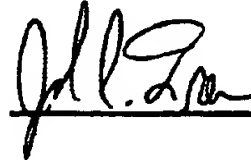
Based solely on the drawings and the previously enclosed English language Abstract, the '161 patent reference is pertinent because it appears to disclose a measurement system with a reference standard for guide error detection. The '161 patent reference was cited as an A-type reference in corresponding European patent application 00 11 9051.

III. CONCLUSION

It is believed that none of these references, alone or in combination, disclose or suggest the invention claimed. However, Applicant wishes to make it clear that the disclosure of the above references is in no way an admission that they qualify as prior art. It is Applicant's desire,

however, to have these references available in the record for both the Examiner and the public to see. Applicant therefore requests that the Examiner review the entire disclosure of each reference and make the above-listed references of record.

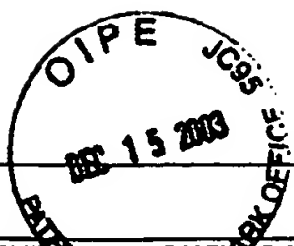
Respectfully submitted,

A handwritten signature in black ink, appearing to read "John C. Freeman", is written over a solid horizontal line.

John C. Freeman
Registration No. 34,483
Attorney for Applicants

BRINKS HOFER
GILSON & LIONE
P.O. Box 10395
Chicago, Illinois 60610
(312) 321-4200

Dated: December 10, 2003



FORM PTO-1449	SERIAL NO. 09/661,663	CASE NO. 56/344
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE September 14, 2000	GROUP ART UNIT 2863
(use several sheets if necessary)	APPLICANT(S): Kamini S. Shah	

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	5,061,073	10/29/1991	Michel		
	A2	4,758,720	07/19/1988	Aubele et al.		

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	A3	0 082 441 B1	06/29/1983	EP		No
	A4	0 387 520 B1	09/19/1990	EP		No
	A5	43 03 161 C2	08/11/1994	Germany		No

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small>
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EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.